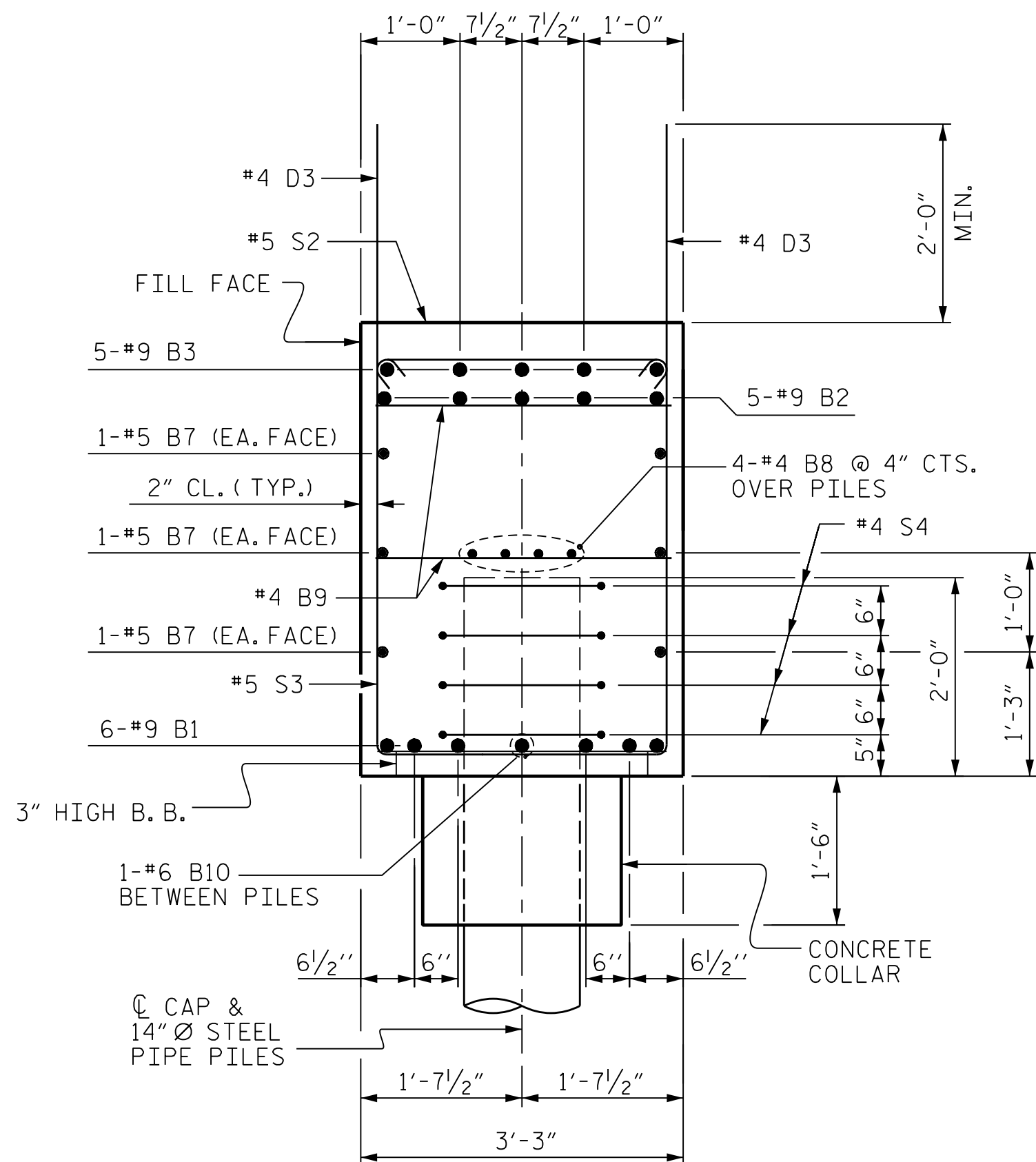
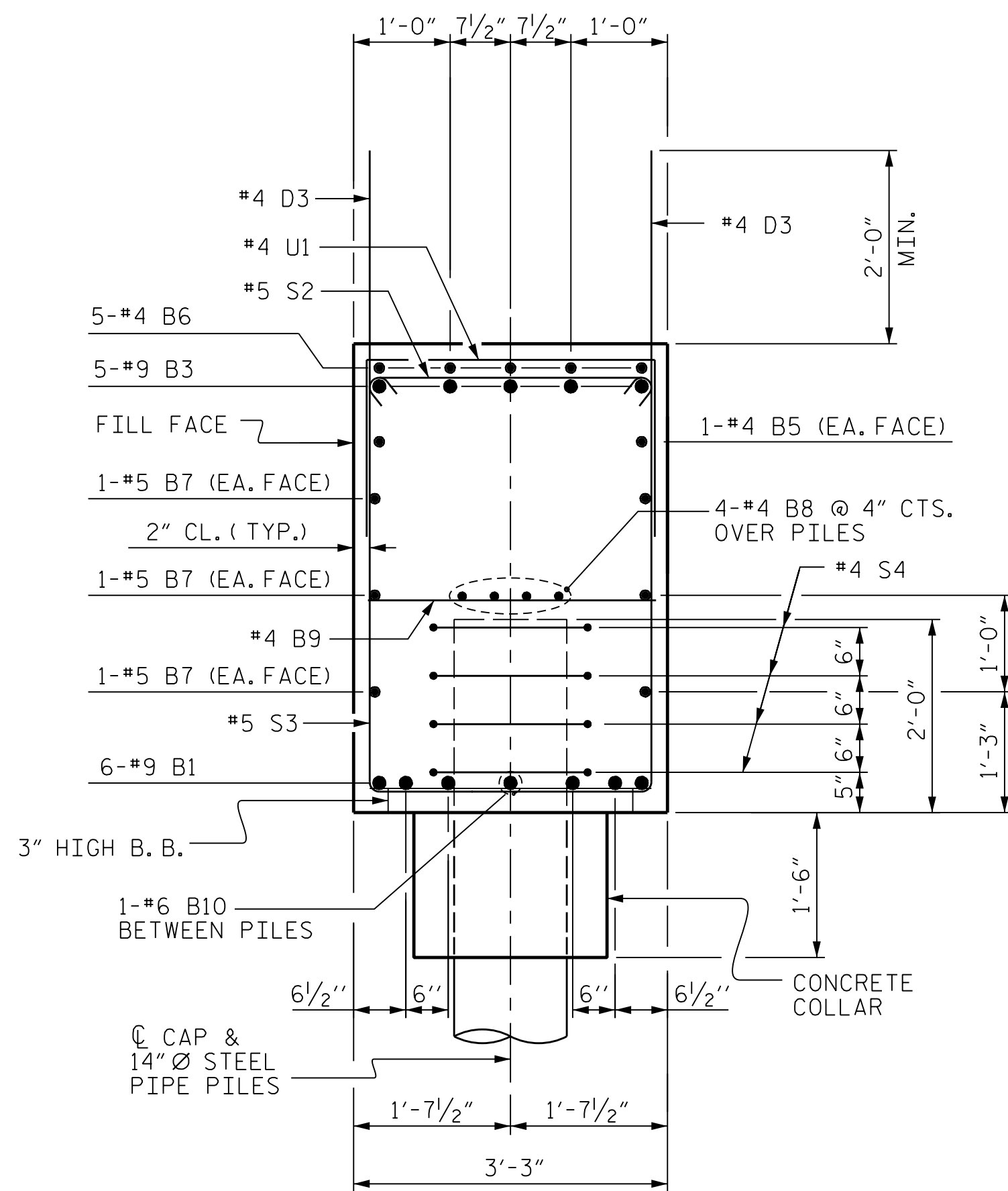


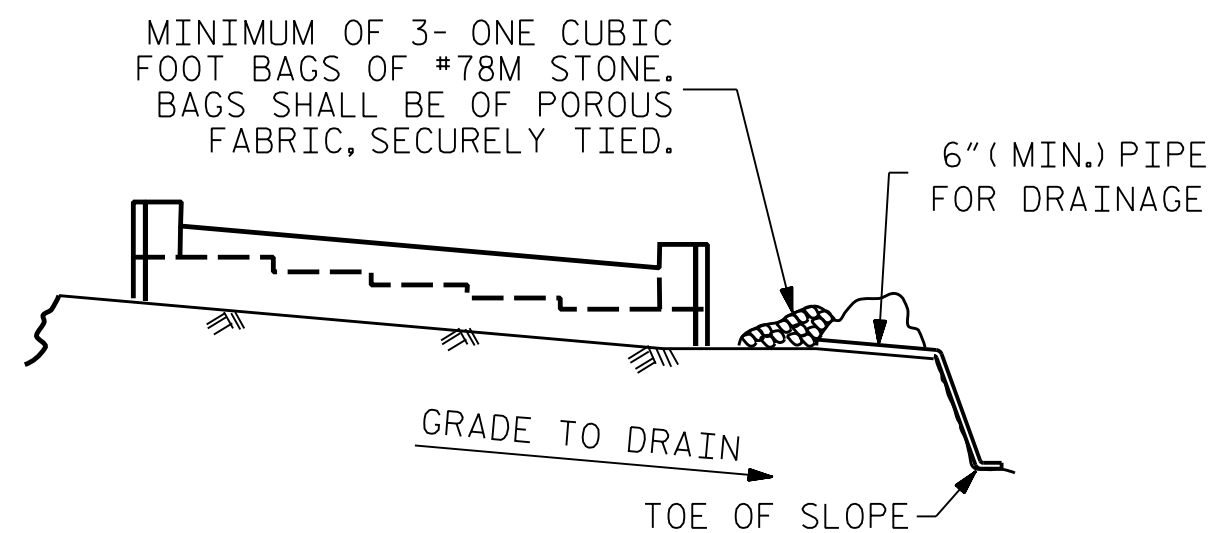
SECTION A-A



SECTION B-B



SECTION C-C

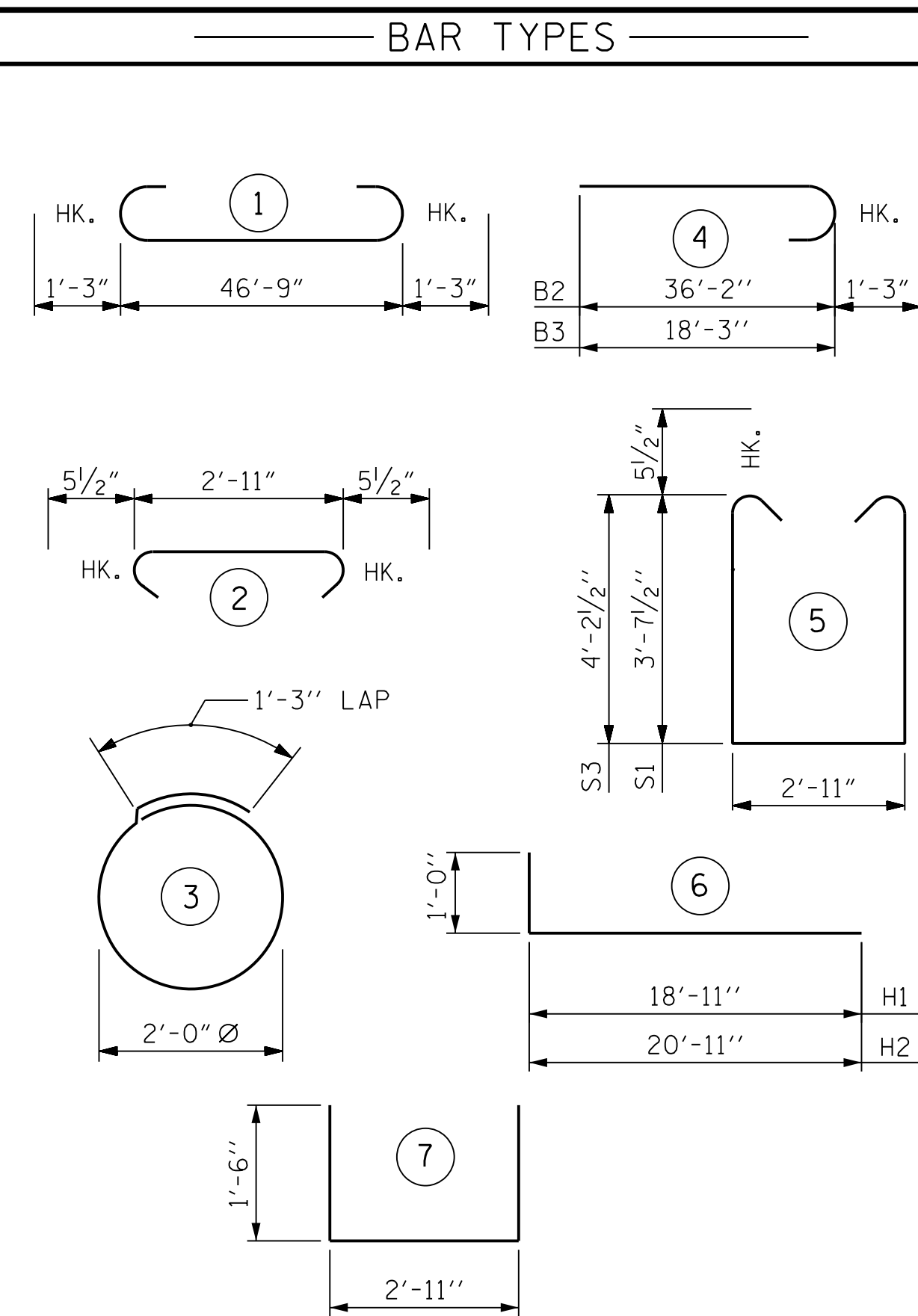


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
INTEGRAL END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#9	1	49'-3"	1005
B2	5	#9	4	37'-5"	636
B3	5	#9	4	19'-6"	332
B4	5	#4	STR	11'-1"	37
B5	2	#4	STR	13'-0"	17
B6	5	#4	STR	6'-11"	23
B7	6	#5	STR	46'-11"	294
B8	8	#4	STR	24'-8"	132
B9	15	#4	STR	2'-11"	29
B10	5	#6	STR	6'-8"	50
D1	36	#5	STR	6'-0"	225
D2	40	#5	STR	6'-11"	289
D3	92	#4	STR	6'-9"	415
H1	16	#6	6	19'-11"	479
H2	20	#6	6	21'-11"	658
S1	28	#5	5	11'-1"	324
S2	47	#5	2	3'-10"	188
S3	19	#5	5	12'-3"	243
S4	24	#4	3	7'-7"	122
U1	13	#4	7	5'-11"	51
REINFORCING STEEL = 5549 LBS					
CLASS A CONCRETE BREAKDOWN					
▲ POUR 1 (CAP, LOWER PART OF WINGS & COLLARS) TOTAL 31.6 CU.YDS.					
14" STEEL PIPE PILES					
NO.6				120 FT.	
STEEL PILES PLATES				EA. 6	

▲ UPPER WINGS (POUR 2) TO BE
POURED WITH SUPERSTRUCTURE

CONCRETE DISPLACED BY THE 14" STEEL PIPE PILE HAS BEEN DEDUCTED FROM THE CONCRETE TOTAL.

PROJECT NO. R-2514B

ON SLOW COUNTY

STATION: 147+95.00 -L-

SHEET 3 OF 3



1/27/2019

DocuSigned by:
Robert F DeCola



The LOUIS BERGER GROUP, Inc.
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
NC COA No. F-0840

REVISIONS						SHEET NO. S3-24
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 34
2			4			

STR. #3